



1. A device for producing electroluminescence comprising an organic light emitting device including an emissive layer comprising an organometallic compound comprised of a metal bound to a single carbon-coordination ligand, said single carbon-coordination ligand being a monanionic parbon-coordination ligand.

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- 2. The device of claim 1 wherein said metal is platinum.
- 3. The device of claim 2 wherein platinum is divalent.

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